





Created: 2 hours, 7 minutes after earthquake

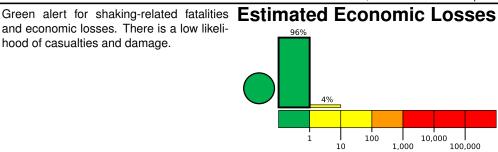
PAGER

Version 2

M 5.5, 42 km NE of Anamizu, Japan Origin Time: 2024-01-01 07:06:05 UTC (Mon 16:06:05 local) Location: 37.5067° N 137.2389° E Depth: 10.0 km

Estimated Fatalities 10,000 1,000

and economic losses. There is a low likelihood of casualties and damage.



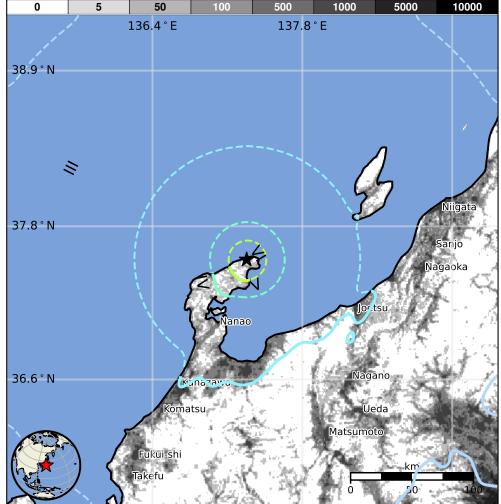
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	12,132k	2,129k	30k	20k	1k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/us6000m0xj#pager

Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are heavy wood frame and reinforced/confined masonry construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1983-03-15	302	5.4	VII(259k)	1
1983-08-08	274	5.6	VII(7k)	1
1995-01-16	382	6.9	IX(1,740k)	6k

Recent earthquakes in this area have caused secondary hazards such as landslides, fires and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org					
MMI	City	Population			
IV	Nanao	45k			
IV	Nyuzen	28k			
IV	Hakui	25k			
IV	Nishishinminato	36k			
IV	Kurobe-shi	43k			
IV	Himimachi	55k			
IV	Toyama	326k			
IV	Kanazawa	459k			
Ш	Niigata	505k			
Ш	Nagano	360k			
Ш	Maebashi	283k			

bold cities appear on map.

(k = x1000)

Event ID: us6000m0xj